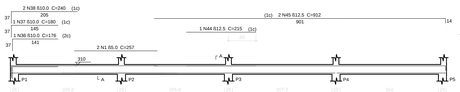
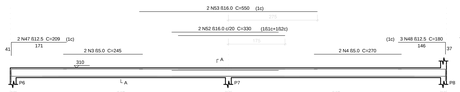
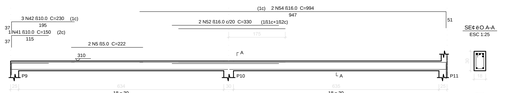
V201
ESC 1:50



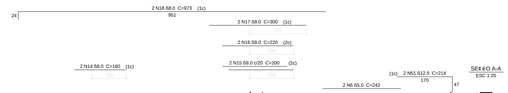
V202
ESC 1:50



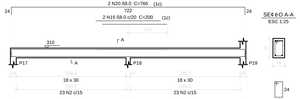
V203
ESC 1:50



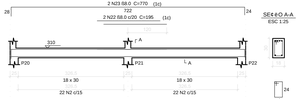
V204
ESC 1:50



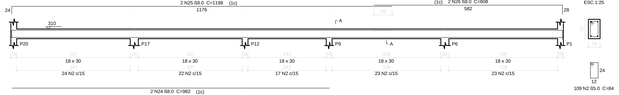
V205
ESC 1:50



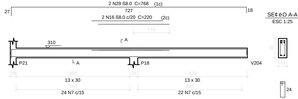
V206
ESC 1:50



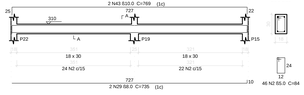
V207
ESC 1:50



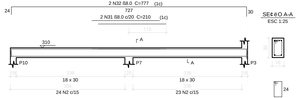
V208
ESC 1:50



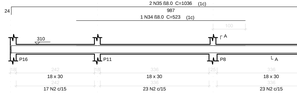
V209
ESC 1:50



V210
ESC 1:50



V211
ESC 1:50



Rela-ão do a-o

V201	V202	V203
V204	V205	V206
V207	V208	V209
V210	V211	

A¢O	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	257	514
	2	5.0	701	94	98894
	3	5.0	2	245	490
	4	5.0	2	270	540
	5	5.0	2	222	444
	6	5.0	2	242	484
	7	5.0	46	74	3404
CA50	8	8.0	2	317	634
	9	8.0	2	1351	2702
	10	8.0	2	1301	2602
	11	8.0	2	714	1428
	12	8.0	2	322	644
	13	8.0	2	624	1248
	14	8.0	2	160	320
	15	8.0	4	200	800
	16	8.0	4	220	880
	17	8.0	2	300	600
	18	8.0	2	973	1946
	19	8.0	2	738	1476
	20	8.0	2	766	1532
	21	8.0	4	722	2888
	22	8.0	2	195	390
	23	8.0	2	770	1540
	24	8.0	2	982	1964
	25	8.0	2	1198	2396
	26	8.0	2	608	1216
	27	8.0	2	727	1454
	28	8.0	2	768	1536
	29	8.0	2	735	1470
	30	8.0	2	743	1486
	31	8.0	2	210	420
	32	8.0	2	777	1554
	33	8.0	2	995	1990
	34	8.0	1	523	523
	35	10.0	1	1036	1036
	36	10.0	1	176	176
	37	10.0	1	180	180
	38	10.0	2	240	480
	39	10.0	4	355	1420
	40	10.0	4	682	2728
	41	10.0	1	150	150
	42	10.0	1	780	780
	43	12.5	1	1036	1036
	44	12.5	1	215	215
	45	12.5	2	912	1824
	46	12.5	1	347	347
	47	12.5	2	209	418
	48	12.5	3	180	540
	49	12.5	2	669	1338
	50	12.5	2	682	1364
	51	16.0	1	1198	1198
	52	16.0	4	335	1320
	53	16.0	2	550	1100
	54	16.0	2	994	1988

Resumo do a-o

A¢O	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	370.9	160.9
	10.0	73.7	50.0
	12.5	64.8	68.6
	16.0	44.1	76.5
CA60	5.0	647.6	109.8

PESO TOTAL (kg)

CA50	356.0
CA60	109.8

Volume de concreto (C-25) = 6.23 mj
Área de forma = 91.28 mj

PREFEITURA DE PELOTAS
Pelotas
GESTÃO 2017/2020

SECRETARIA DE PLANEJAMENTO E GESTèO DE PROJETOS

AMPLIAé èO E.M.E.F. DR. MARIO MENEGHETTI END: AVENIDA QUATRO, 575 - BAIRRO GETÚLIO VARGAS PROJETO ARQUITETÔNICO - AMPLIAé èO	Prancha 08/10
COBERTURA E VIGAS - BLOCO 1	Escala 1:50
EQUIPE TÉCNICA DA UGP Engª. Civil Mirela Silveira de Faria - CREA RS 146401 Arq. Estela Azevedo - CAU RS A42815-9 Arq. Juliana Rotta da Cunha - CAU RS A65378-0	Data AGOSTO / 2017

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